



Paper No. 2004 0721

FORM HD-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1	ATTORNEY DOCKET NO.	SERIAL NO.
	2115D-000939/DVC	09/775,106
	APPLICANT	
	Gerard A. Mourou	
	FILING DATE	GROUP
February 1, 2001	1725	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.						

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	GSE	Bauermann, Th., et al., "Picosecond UV Excimer Laser Ablation of LiNbO ₃ ," published 1990, Materials Research Society, Vol. 191, pp. 37-42.
2.	GSE	Sherman, N. K., et al., "Transient response of metals to ultrashort pulse excitation," October 1989, Optical Engineering, Vol. 28 No. 10, pp. 1114-1121.
3.	GSE	Srinivasan, R., Sutcliffe, et al., "Ablation and etching of polymethylmethacrylate by very short (160 fs) ultraviolet (308 nm) laser pulses," accepted for publication 24 August 1987, American Institute of Physics, pp. 1285-1287.

Examiner: <i>Geoffrey L. Evans</i>	Date Considered: <i>04/01/2005</i>
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Paper No. 2004 0930

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 1	ATTORNEY DOCKET NO.	SERIAL NO.
	2115D-000939/DVC	09/775,106
	APPLICANT	
	Gerard A. Mourou et al.	
	FILING DATE	GROUP
	February 1, 2001	1725

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	GSE	6322556	11/27/2001	Gwon, et al.	—	
2.	GSE	2002/0125230	09/12/2002	Haight et al.	—	

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.	GSE	JP 62-144893	06/29/1987	Japan	—	Abstract

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	GSE	Corkum et al., "Thermal Response of Metals to Ultrashort-Pulse Laser Excitation", Phys. Rev. Lett. Vol. 61, No. 25, pp. 2886-2889 (19 December 1988).
2.	GSE	Soileau et al., "Temporal Dependence of Laser-Induced Breakdown in NaCl and SiO ₂ ", Lser Induced Damage in Optical Materials, 1982 Proceedings of a Symposium (NBS-SP-669). NBS, Boulder CO, USA, 1984; IX+488, pp. 387-405
3.	GSE	Kuper et al., "Ablation of UV-Transparent Materials with Femtosecond UV Excimer Laser Pulses", Microelectronic Engineering 9, pp. 475-480 (1989)

Examiner: <u>Jeffrey A. Egan</u>	Date Considered: <u>01/01/2005</u>
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EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS

Paper No. 2004/028

Page 1 of 1

U.S. Serial NumberU.S. Filing Date

C.____ Because the present application was/is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

D.____ This is a PCT application in the entry of the National Phase in the United States. A copy of the International Search Report is attached for the Examiner's information. The documents listed on the International Search Report are listed on the attached Form-1449 for consideration by the Examiner and for listing on any patent resulting from this application. If the International Search Report was from the US, EPO, or JPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above-identified application. (MPEP 1893.03(g))

III. CONCISE EXPLANATION OF THE RELEVANCE (check at least one box)

A. X Except as may be indicated below in (B), all of the patents, publications or other information are in the English language (concise explanation not required).

B.____ A concise explanation of the relevance of each patent, publication or other information listed that is not in the English language is as follows (see 37 C.F.R. § 1.98(a)(3)):

- 1.____ See the attached foreign patent office communication from a counterpart foreign application.
- 2.____ English translations are provided.
- 3.____ Other:

C.____ The following additional information is provided for the Examiner's consideration.

IV. CROSS REFERENCE TO RELATED APPLICATION(S)

A. X The Examiner is advised that the following co-pending application(s) contain(s) subject matter that may be related to the present application. By bringing this(these) application(s) to the Examiner's attention, Applicant(s) does(do) not waive the confidentiality provisions of 35 U.S.C. § 122.

<u>Serial No.</u>	<u>Filing Date</u>	<u>Art Unit</u>
90/007,102	06/25/2004	1725
09/775,069	02/01/2001	1725

Serial No. 09/775,106

Geoffrey L. Evans

04/01/2005

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04/01/2006